We measure it. testo

Sound level measuring instrument

testo 815

dB

- Frequency evaluation according to characteristic curves A and C
- Easy to adjust
- Maximum and minimum store
- Switchable time evaluation Fast/Slow

The testo 815 is the ideal instrument for the evaluation of sound level in everyday work. The instrument can be used for monitoring measurements in the areas of air conditioning or heating, on combustion plants or at workplaces, however machine or discotheque noise can also be evaluated quickly and precisely.
Using the Fast/slow button, the measurement time can be set from 1 s to 125 ms, in order to better evalaute the noise source. The frequency analysis can also be switched from characterisitc curve A to C. The characteristic curve A corresponds to the sound pressure perception of the human ear, whereas characteristic curve C can also evaluate the low-frequency components of a sound.
With the help of the optional calibrator, the measuring instrument can be recalibrated directly on site with the screwdriver provided. The wind protection cap included in delivery ensures correct measurement results when measuring outdoors, and if required can protect the microphone from dirt and dust.

Technical data / Accessories

testo 815

Sound level meter, incl. microphone, wind protection cap and battery

Part no. 0563 8155

Technical data testo 815

Meas. range	+32 to +130 dB
Frequency range	31.5 Hz to 8 kHz
Accuracy ±1 digit	±1.0 dB
Resolution	0.1 dB
Oper. temp.	0 to +40 °C
Storage temp.	-10 to +60 °C
Battery type	9V block battery
Battery life	70 h
Weight	195 g
Dimensions	255 x 55 x 43 mm
Warranty	2 years

Section meas. ranges: 30 to 80 dB; 50 to 100 dB; 80 to 130 dB
Time weighting: FAST 125 ms setting / SLOW 1 s setting
Pressure dependency: -0.0016 dB/hPa

Battery type	9V block battery
Battery life	40 h
Warranty	2 years
Accuracy	±0.5 dB in accordance with Class 2 to IEC 60942

Sound pressure level: 94 dB/104 dB, switchable
Frequency: 1000 Hz
Also suitable for 1/2 and 1 inch microphones by other manufacturers

Accessories

	Part no.	
Accessories for measuring instrument		
Calibrator, for regular calibration of testo 815, testo 816	0554 0452	